



The Department of Agrobiotechnology Tulln, Institute of Biotechnology in Plant Production is currently seeking a

Postdoctoral Research Associate

(Reference code: 125)

Extent of employment: 40 Hours per Week
Duration of employment: 16th of January 2017 to 15th of January 2023

Workplace: 3430 Tulln an der Donau

Gross monthly salary and pay grade in terms of collective agreement
for university staff (payable 14 times per year): B1 lit. b, € 3.590,70

The chair for plant breeding at BOKU – Department of Agrobiotechnology Tulln – Institute of Biotechnology in Plant Production invites applications for a full time position in Crop Plant Breeding – Crop Plant Genomics. Our research and teaching work focuses on crop plant improvement using up-to-date quantitative genetics and genomics approaches, gene discovery and germplasm improvement. We intend to strengthen our team with a motivated researcher.

We offer a stimulating research environment at the growing BOKU campus in Tulln. Exchange and cooperation possibilities with academia and industry partners at the national and international level.

Research topics / tasks:

- Development of tools and methods to advance classical and genomics assisted crop plant breeding
- Genetic improvement of crops through utilization of genetic resources
- Discovery and functional analysis of relevant genes for crop plant improvement
- Development/improvement of breeding approaches using genotype – phenotype relations
- Projects and co-operations developed by the candidate related to the research targets of our group, including designing, coordinating and submitting grant proposals for national and international funding schemes
- Communicative novel findings in high-level publications and conference presentations
- Classroom teaching / practical lab courses of usually 4 teaching hours per week
- Supervision of bachelor-, master and PhD students

Required skills and qualifications

- PhD (or completion of PhD expected within 6 month) or Post Doc experience in plant or animal breeding, plant or animal genetics, statistics, bioinformatics or a related field with relevance to crop plant breeding and genetics is required
- Completed degree in Agricultural Sciences, Plant or Animal Genetics, Biology, Bioinformatics, System Biology or a related field of study

Desirable skills and qualifications

- Passion for crop improvement, sustainable agriculture, genetics, genomics and statistics
- Programming skills, ability to work with large scale genomic (e.g. DNA sequences, SNP profiles) and phenotypic data
- Experience in working with R, phyton or other advances bioinformatics tools is of advantage
- Ability to define problems, find and evaluate appropriate solutions
- Team orientation, cooperativeness, excellent communication skills
- Experience as supervisor
- Good scientific writing in English (e.g. grant applications, high-level publications)

Applications can be submitted until: 25th of November 2016

University of Natural Resources and Life Sciences Vienna seeks to increase the number of its female faculty and staff members. Therefore qualified women are strongly encouraged to apply. In case of equal qualification, female candidates will be given preference unless reasons specific to an individual male candidate tilt the balance in his favour.

Please send your job application (incl. application letter, CV, names and addresses of three references) to Personnel department, University of Natural Resources and Life Sciences, 1190 Vienna, Peter-Jordan-Straße 70; E-Mail: kerstin.buchmueller@boku.ac.at. **(Reference code: 125)**

For additional information, please contact:
Prof. Hermann Buerstmayr (hermann.buerstmayr@boku.ac.at)

We regret that we cannot reimburse applicants travel and lodging expenses incurred as part of the selection and hiring process.

www.boku.ac.at